How do the trikes get made??

1. Cut metal tubes (aluminium and Chromoly) to weld a frame together.
2. Set tubes onto Jig ( A jig is a frame that you put tubes onto to set the angles and lengths of tubes to weld up.) Once placed on Jig weld all tubes together.
3. Bend all tubes for seat, rear forks etc etc.
4. Weld frame to completion.
5. Make steering. There are 100’s of different steering types, make one to suit your frame. Eg Ackerman, as it still has fast straight line speed and is one of the quickest steering systems through corners.
6. Once steering is made, put running gear on bike. ( Chain, gears, pedals, cranks, brakes etc etc.)
7. Test out your trike without a canopy to make sure that everything is running right so you can make changes if needed.
8. Once you are happy with your trike, start making the canopy. ( Both Embolado and Ziptar are made the exact same way to this step)
9. Choose the shape you would like to use, Different more aerodynamic shapes always get high marks at EBT.
10. Once everyone is happy with the blueprints of the shape start making it. ( Kevlar shape is alot more difficult as you need a mold to lay your Kevlar in which would of required a CAD (computer design) to be made and then for a plug made out of foam to be made which will be painted so the surface is like a smooth glass. Then your mold would be made form that which you will lay your Kevlar in to get your canopy finished smooth and strong.) Koreflute shapes are a lot easier to make as you can bend small aluminium tubes to the shape you prefer and welded up for korflute and Perspex to go on top.
11. Once you have made you canopy you need to mount it on to your trike.
12. Put windows on and paint your brand new trike.

Design And Construction.

The first question is always. “Tell us about your bike?”

This is the part where you want to talk about every single component of your bike, Eg the canopy, pedals, running gear, frame, seat, wheels etc etc.